

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-30 (CANCELED)

31. (CURRENTLY AMENDED) Apparatus for transferring data from a network to a mobile device comprising:

B1 ~~first and second transmitters respectively~~ a transmitter arrangement having differing ~~[[lower]] narrow and higher wide~~ bandwidths for transmitting data ~~[[in]]~~ from the network to the mobile device;

the ~~[[first]]~~ transmitter arrangement being arranged for notifying the mobile device of data awaiting transfer thereto from the network via the first, lower bandwidth; and

the second transmitter being arranged for transferring the data to the mobile device via the ~~second, higher~~ wide bandwidth.

32. (CANCELED)

33. (NEWLY ADDED) A method of data transfer by using first and second communication links of differing bandwidths between a network and a mobile device, the first link having a narrower bandwidth than the second link, the method comprising:

notifying the mobile device of data awaiting transfer thereto from the network by

transmitting a first signal from the network to the device via the first link; and

then transferring the data from the network to the mobile device by transmitting a second signal from the network to the device via the second link.

34. (NEWLY ADDED) The method according to claim 33 further including scheduling the transfer of the data from the network to the mobile device, wherein the transfer of the data to the mobile device via the second link is based on the schedule.

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35. (NEWLY ADDED) The method of claim 34 wherein the scheduling is executed in response to a user input at the mobile device.

36. (NEWLY ADDED) The method of claim 34 wherein the scheduling is executed by software on the mobile device.

37. (NEWLY ADDED) The method of claim 34 wherein the scheduling is executed by software present on a base station of the network, and further including transmitting data corresponding to the scheduling to the mobile device via the first link.

38. (NEWLY ADDED) The method according to claim 33 wherein the first link includes a public land mobile network.

39. (NEWLY ADDED) The method according to claim 33 wherein the second link includes a wide band short range wireless network.

40. (NEWLY ADDED) The method according to claim 33 wherein the second link is an unlicensed portion of the electromagnetic spectrum.

41. (NEWLY ADDED) The method according to claim 40 wherein the first link is in a licensed portion of the electromagnetic spectrum.

B1 42. (NEWLY ADDED) The method according to claim 33 wherein the first link is in a licensed portion of the electromagnetic spectrum.

43. (NEWLY ADDED) The method according to claim 33 further including only temporarily forming at least one of the first and second links.

44. (NEWLY ADDED) The method according to claim 33 further including transferring data to the mobile device from a second network via another wide bandwidth link after the mobile device has been notified via a narrow bandwidth link that it is to receive data from the second network.

45. (NEWLY ADDED) The method according to claim 33 further including the steps of: transferring a decryption key from the network to the mobile device via the first link; and then transferring the data in encrypted form, based on the key, from the network to the mobile device via the second communication link.

46. (NEWLY ADDED) The method according to claim 33 further including the step of determining the location of at least one of the mobile device and a base station of the second communication link by using GPS.

47. (NEWLY ADDED) The method according to claim 34 wherein the scheduling is in accordance with scheduling criteria.

BI 48. (NEWLY ADDED) A method of data transfer to a mobile device from a first communications network via a first narrow bandwidth link and a second communication network via a second wide bandwidth link, the method comprising:

transferring a message to the device from the first network via the first link, the message indicating that data are desired to be transferred to the device; and

then transferring the data to the device from the second network via the second link.

49. (NEWLY ADDED) The method according to claim 48 wherein the first network comprises a wireless network, with wireless communication via the first link to the mobile device.

50. (NEWLY ADDED) The method according to claim 49 wherein the second link has a wireless link with the mobile device while the mobile device is within range of at least one of a second network transmitter and receiver.

51. (NEWLY ADDED) The method according to claim 48 wherein the second link has a wireless link with the mobile device while the mobile device is within range of at least one of a second network transmitter and receiver.

B1 52. (NEWLY ADDED) A method of data transfer by using first and second communication links of differing bandwidths between a network and a mobile device, the first link having a narrower bandwidth than the second link, the method comprising:

entering data into the mobile device;

notifying the network of data awaiting transfer thereto from the mobile device by transmitting a first signal from the device to the network via the first link; and

then transferring the data from the mobile device to the network by transmitting a second signal from the device to the network via the second link.

53. (NEWLY ADDED) A data transfer system comprising: a network, a mobile device, a first transmitter and a second transmitter, the network being adapted to contain data, the mobile device being adapted to receive signals from both the first and second transmitters, the first transmitter being adapted to transmit a first narrow bandwidth signal to the mobile device via a first narrow bandwidth link, the first signal indicating data on the network are available to be transferred to the mobile device, the second transmitter being adapted to transmit to the mobile device via a second wide bandwidth link, a second wide bandwidth signal including the data.

54. (NEWLY ADDED) A system according to claim 53, wherein the first transmitter is

arranged to operate at a frequency within the range selected from group (i) about 900 MHz to about 1900 MHz; (ii) about the 2 GHz band.

55. (NEWLY ADDED) A system according to claim 53, wherein the second transmitter is arranged to operate at a frequency within the range of the order of 1 GHz to the order of a few tens of GHz.

56. (NEWLY ADDED) A system according to claim 53, wherein the second transmitter includes a wireless LAN base station.

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57. (NEWLY ADDED) A system according to claim 53, wherein the second transmitter includes a wide band short range transmitter.

58. (NEWLY ADDED) A system according to claim 53, wherein the first signal is digitally encoded.

59. (NEWLY ADDED) A system according to claim 53, wherein a plurality of the second transmitters are located at geographically different places.

60. (NEWLY ADDED) A system according to claim 53, wherein the mobile device includes a GPS transceiver associated with it.

61. (NEWLY ADDED) A system according to claim 53, wherein the second transmitter

has a GPS transceiver associated with it.

62. (NEWLY ADDED) A system according to claim 19, wherein the data are real time video and audio data.

B1 63. (NEWLY ADDED) A method of transferring data between a mobile device arrangement and a network arrangement via first and second communications links between the device arrangement and network arrangement, the first and second links respectively having narrow and wide bandwidths, the method comprising: sending a first narrow bandwidth signal from a first of the arrangements to the second of the arrangements via the first link, the first signal indicating that the first arrangement is ready to transmit data to the second arrangement, then sending a second wide bandwidth signal from the first arrangement to the second arrangement via the second link, the second signal including the data.

64. (NEWLY ADDED) The method according to claim 63 further including scheduling the sending of the data from the first arrangement to the second arrangement and transferring the data from the first arrangement to the second arrangement based on the schedule.

65. (NEWLY ADDED) A mobile telecommunications device for use with a long range telecommunications link and a wide bandwidth telecommunications link, the device comprising: a control processor, and a program memory carrying a program accessible by the control processor, the control processor, in use, being capable of operating the program so as to enable the device to receive an incoming long range narrow bandwidth telecommunications signal

indicative of the presence of data being available elsewhere at a wide bandwidth telecommunications signal station and to inform a user of the device that there are data to be collected from a remote wide bandwidth station and further being capable of scheduling the data to be transmitted.

66. (NEWLY ADDED) A processor readable memory carrying a set of instructions which, when executed by a processor, causes the processor to act as the processor of claim 65.

B) 67. (NEWLY ADDED) A converter device for use with a mobile telecommunications device and being adapted for use with a network, the converter device having an interface adapted to interface with (a) said mobile telecommunications device and (b) a wide bandwidth communication link such that the converter device is capable of causing the mobile telecommunications device to perform the method of claim 33.

68. (NEWLY ADDED) A converter device for use with a network device and being adapted for use with a mobile telecommunications device, the converter device having an interface adapted to interface with (a) said network device and (b) a wide bandwidth communication link such that the converter device is capable of causing the network device to perform the method of claim 48.
